

AMENDMENTS TO THE SPECIFICATION:

Please amend the specification as follows:

Please replace the paragraph bridging pages 7 and 8 with the following:

Each conductive bipolar plate 3 is also provided with a multiplicity of fluid injection calibrated holes 20, all having the same diameter (for instance comprised between ~~0.2 mm÷1 mm~~ 0.2 mm to 1 mm), through which the liquid water flowing in the side ducts of the electrochemical generator 1 is injected into the reaction cells 2, as will be better explained hereafter. The fluid injection calibrated holes 20 are mutually aligned in order to ensure a homogeneous distribution of the liquid water and are placed below the first and second upper openings 12, 13.

Please replace the last full paragraph at page 13 with the following:

The conductive bipolar plates 203, shown in FIGS. 7a, 7b, have a substantially rectangular shape and a typical thickness of ~~0.1÷0.4 mm~~ 0.1mm to 0.4 mm. They present a perimetrical portion 208 provided with first and second upper openings 208a₁, 208a₂, first and second lower openings 208b₁, 208b₂ and side openings 209. The perimetrical portion 208 is also provided with a multiplicity of holes 210 for housing the tie-rods by means of which the tightening of the electrochemical generator 200 is achieved.

Please replace the second full paragraph at page 15 with the following:

Each conductive bipolar plate 203 is also provided with a multiplicity of upper calibrated holes 213a and of a multiplicity of lower calibrated holes 213b of diameter

comprised between ~~0.1 mm ÷ 5 mm~~ 0.1 mm to 5 mm. Through the multiplicity of upper calibrated holes 213a the gaseous reactants coming from the adjacent additional cell 202 flow, while through the multiplicity of lower calibrated holes 213b the reaction products and the residual reactants exit the reaction cell 201, as will be explained more in detail hereafter. The upper calibrated holes 213a are mutually aligned in order to ensure a homogeneous distribution of the gaseous reactants and are placed below the first and second upper openings 208a₁, 208a₂. In their turn, the lower calibrated holes 213b are mutually aligned and are placed above the first and second lower openings 208b₁, 208b₂. Both the upper 213a and lower 213b calibrated holes are spaced from the sealing gasket 207 by about 1 mm for better exploiting the active area of the reaction cell 201.

Please replace the paragraph bridging pages 15 and 16 with the following:

Furthermore, each conductive bipolar plate 203 is provided with a multiplicity of fluid injection calibrated holes 230, all having the same diameter (for example comprised between ~~0.2 mm ÷ 1 mm~~ 0.2 mm to 1 mm), through which the liquid water coming from the adjacent additional cell 202 is injected into the reaction cell 201. The fluid injection calibrated holes 230 are mutually aligned in order to ensure a homogeneous distribution of liquid water and are placed below the upper calibrated holes 213a.